

INTERNATIONAL SEARCH REPORT

 International application No.
 PCT/KR2004/001838
A. CLASSIFICATION OF SUBJECT MATTER**IPC7 C09K 11/59**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C09K11/08,11/59,11/64, H01J11/02, H05B33/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS, PAJ, USPTO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 2003-7215 A (NEC CORPORATION) 10.JANUARY 2003 claim1-3, column17-20	10,11 1-9, 12-15
Y A	US 2001/3410 A1 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) 14. JUNE 2001 abstract, column40-42, example1-3, claim1,2	10,11 1-9
A	US 2003/85853 A1 (HITACHI LTD.) 8.MAY 2003 column18, 78, embodiment3, claim4-6	4-6,11,13,14
A	US 2002/113552 A1 (KONINKLIJKE PHILIPS ELECTRONICS N.V.) 22. AUGUST 2002 column20,35,40 embodiment1, claim7	1-3,7
A	JP 2002/117760 A (MATSUSHITA ELECTRIC IND CO., LTD.) abstract, claim1, example1	4-6

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

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"&" document member of the same patent family

Date of the actual completion of the international search

09 NOVEMBER 2004 (09.11.2004)

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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US 2001/3410 A1	14.06.2001	JP2001-236893 A2 TW 533447 B	31.08.2001 21.05.2001
US 2002/113552 A2	22.08.2002	EP1215698 A1 OE10061770 C0	19.06.2002 13.06.2002
JP 2002-117760 A	19.04.2002	EP 1291897 A1 OE 69911228 C0 US 6547617 BA	12.03.2003 16.10.2003 05.04.2003